

Gregory, Bernarr

From: PLUS
Sent: Thursday, February 10, 2005 2:07 PM
To: Gregory, Bernarr
Subject: PLUS Results for 10796855

Here are the PLUS search results for 10796855.

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10796855_QUAL.txt



10796855_LIST.txt



10796855_WEST.txt



10796855_EAST.txt



10796855.east



10796855_CLS.txt



10796855_CLSTITLES.t

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10796855_WDS.txt

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PLUS Search Results for S/N 10796855, Searched February 10, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search

system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are

most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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10796855_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10796855 on February 10, 2005

Original Classifications

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2 701/300

Cross-Reference Classifications

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2 342/97
2 343/719
2 343/725
2 343/741
2 343/786
2 343/788
2 343/833
2 343/853
2 343/860
2 343/865
2 343/873
2 343/876
2 346/14MR
2 361/172
2 367/86
2 375/267
2 375/347
2 380/258
2 398/106
2 398/170
2 455/103
2 455/106
2 455/137
2 455/61
2 455/78
2 700/9
2 701/207
2 701/213

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2 701/215
2 701/217
2 968/DIG 1

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Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10796855 on February 10, 2005

39	342/44	(11 OR, 28 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/42	RADAR TRANSPONDER SYSTEM
	342/44	.Unique identity
32	342/51	(9 OR, 23 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/42	RADAR TRANSPONDER SYSTEM
	342/51	.Radar transponder only
26	342/45	(14 OR, 12 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/42	RADAR TRANSPONDER SYSTEM
	342/45	.IFF or SIF
25	342/42	(8 OR, 17 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/42	RADAR TRANSPONDER SYSTEM
19	340/572.1	(9 OR, 10 XR)
	Class 340 :	COMMUNICATIONS: ELECTRICAL
	340/500	CONDITION RESPONSIVE INDICATING SYSTEM
	340/540	.Specific condition
	340/568.1	..Article placement or removal (e.g., anti-theft)
	340/572.1	...Detectable device on protected article (e.g., "tag")
18	340/10.1	(8 OR, 10 XR)
	Class 340 :	COMMUNICATIONS: ELECTRICAL
	340/825	SELECTIVE
	340/10.1	.Interrogation response
17	342/32	(4 OR, 13 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/29	AIRCRAFT COLLISION AVOIDANCE SYSTEM (CAS)
	342/30	.With transponder
	342/32	..Included in Secondary Surveillance Radar (SSR)

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)
or Air Traffic Control Radio Beacon System
(ATCRBS)
17 342/37 (6 OR, 11 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/36 AIR TRAFFIC CONTROL
342/37 .Secondary Surveillance Radar (SSR) or Air
Traffic Control Radar Beacon System (ATCRBS)
)

15 340/10.41 (4 OR, 11 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/10.1 .Interrogation response
340/10.4 ..Response signal detail
340/10.41 ...Combination response

13 342/50 (1 OR, 12 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/42 RADAR TRANSPONDER SYSTEM
342/50 .With Telemetry

12 340/10.2 (9 OR, 3 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/10.1 .Interrogation response
340/10.2 ..Contention avoidance

12 340/505 (2 OR, 10 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/501 .With particular system function (e.g.,
temperature compensation, calibration)
340/505 ..Interrogator-responder

12 340/825.49 (1 OR, 11 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/825.36 .Having indication or alarm (e.g., location
indication)
340/825.49 ..Location indication

11 340/10.3 (2 OR, 9 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE

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340/10.1 .Interrogation response
340/10.3 ..Interrogation signal detail

11 342/46 (3 OR, 8 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/42 RADAR TRANSPONDER SYSTEM
342/46 .Navigational

10 340/10.4 (1 OR, 9 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/10.1 .Interrogation response
340/10.4 ..Response signal detail

10 342/30 (4 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/29 AIRCRAFT COLLISION AVOIDANCE SYSTEM (CAS)
342/30 .With transponder

10 342/43 (7 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/42 RADAR TRANSPONDER SYSTEM
342/43 .Combined with primary radar system

9 340/10.42 (1 OR, 8 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/10.1 .Interrogation response
340/10.4 ..Response signal detail
340/10.42 ...Identification only

9 340/572.4 (3 OR, 6 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/540 .Specific condition
340/568.1 ..Article placement or removal (e.g.,
anti-theft)
340/572.1 ...Detectable device on protected article
(e.g., "tag")
340/572.4Specified processing arrangement for
detected signal

9 340/572.7 (3 OR, 6 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM

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 340/540 .Specific condition
 340/568.1 ..Article placement or removal (e.g.,
 anti-theft)
 340/572.1 ...Detectable device on protected article
 (e.g., "tag")
 340/572.7Specified antenna structure

8 342/40 (4 OR, 4 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/36 AIR TRAFFIC CONTROL
 342/37 .Secondary Surveillance Radar (SSR) or Air
 Traffic Control Radar Beacon System (ATCRB)

S)

342/40 ..With defruiting or degarbling

7 340/10.33 (3 OR, 4 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/825 SELECTIVE
 340/10.1 .Interrogation response
 340/10.3 ..Interrogation signal detail
 340/10.33 ...Wake up (all call)

7 340/10.51 (0 OR, 7 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/825 SELECTIVE
 340/10.1 .Interrogation response
 340/10.5 ..Additional control
 340/10.51 ...Programming (e.g., read/write)

7 342/463 (1 OR, 6 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/450 .Position indicating (e.g., triangulation)
 342/463 ..Having plural transmitters or receivers

6 235/380 (0 OR, 6 XR)
 Class 235 : REGISTERS
 235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS
 235/380 .Credit or identification card systems

6 310/313R (1 OR, 5 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/300 NON-DYNAMOELECTRIC
 310/311 .Piezoelectric elements and devices
 310/313R ..Surface acoustic wave devices

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- 6 340/10.34 (4 OR, 2 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/825 SELECTIVE
 340/10.1 .Interrogation response
 340/10.3 ..Interrogation signal detail
 340/10.34 ...Power up
- 6 340/825.72 (1 OR, 5 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/825 SELECTIVE
 340/825.71 .Frequency responsive actuation
 340/825.72 ..Wireless link
- 6 342/39 (2 OR, 4 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/36 AIR TRAFFIC CONTROL
 342/37 .Secondary Surveillance Radar (SSR) or Air
 Traffic Control Radar Beacon System (ATCRB
 S) 342/39 ..With side lobe suppression
- 6 398/108 (1 OR, 5 XR)
 Class 398 : OPTICAL COMMUNICATIONS
 398/106 REMOTE CONTROL
 398/107 .Bidirectional (i.e., monitoring or
 acknowledge)
 398/108 ..Interrogator system
- 5 235/385 (0 OR, 5 XR)
 Class 235 : REGISTERS
 235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS
 235/385 .Inventory
- 5 310/313B (0 OR, 5 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/300 NON-DYNAMOELECTRIC
 310/311 .Piezoelectric elements and devices
 310/313R ..Surface acoustic wave devices
 310/313B ...Interdigitated electrodes
- 5 310/313D (1 OR, 4 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/300 NON-DYNAMOELECTRIC
 310/311 .Piezoelectric elements and devices
 310/313R ..Surface acoustic wave devices
 310/313B ...Interdigitated electrodes
 310/313DGrating or reflector in wave path

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5 340/5.8 (1 OR, 4 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/825 SELECTIVE
 340/5.1 .Intelligence comparison for controlling
 340/5.8 ..Authentication (e.g., identity)

5 340/572.2 (3 OR, 2 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
 340/540 .Specific condition
 340/568.1 ..Article placement or removal (e.g.,
 anti-theft)
 340/572.1 ...Detectable device on protected article
 (e.g., "tag")
 340/572.2Specified relationship between field and
 detection frequencies (e.g., nth order harm
 onics)

5 342/175 (0 OR, 5 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/175 WITH PARTICULAR CIRCUIT

5 342/36 (3 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/36 AIR TRAFFIC CONTROL

5 342/455 (1 OR, 4 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/450 .Position indicating (e.g., triangulation)
 342/454 ..Traffic
 342/455 ...Having collision avoidance

5 701/301 (3 OR, 2 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/300 RELATIVE LOCATION
 701/301 .Collision avoidance

4 235/375 (1 OR, 3 XR)
 Class 235 : REGISTERS
 235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS

4 340/447 (4 OR, 0 XR)

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- Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/425.5 LAND VEHICLE ALARMS OR INDICATORS
 - 340/438 .Internal alarm or indicator responsive to a
condition of the vehicle
 - 340/442 ..Tire deflation or inflation
 - 340/445 ...With particular telemetric coupling
 - 340/447Radio wave
- 4 340/5.72 (0 OR, 4 XR)
- Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/825 SELECTIVE
 - 340/5.1 .Intelligence comparison for controlling
 - 340/5.2 ..Authorization control (e.g., entry into an
area)
 - 340/5.7 ...Access barrier
 - 340/5.72Vehicle door
- 4 340/539.1 (0 OR, 4 XR)
- Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
 - 340/531 .With particular coupling link
 - 340/539.1 ..Radio
- 4 340/571 (0 OR, 4 XR)
- Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
 - 340/540 .Specific condition
 - 340/568.1 ..Article placement or removal (e.g.,
anti-theft)
 - 340/571 ...Alarm on protected article
- 4 340/572.5 (1 OR, 3 XR)
- Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
 - 340/540 .Specific condition
 - 340/568.1 ..Article placement or removal (e.g.,
anti-theft)
 - 340/572.1 ...Detectable device on protected article
(e.g., "tag")
 - 340/572.5Having tuned resonant circuit
- 4 340/825.69 (0 OR, 4 XR)
- Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/825 SELECTIVE
 - 340/825.57 .Pulse responsive actuation
 - 340/825.62 ..Serial
 - 340/825.69 ...Radio link

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- 4 340/870.02 (3 OR, 1 XR)
 - Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,
TELEMETERING)
 - 340/870.02 .With meter reading
- 4 340/870.16 (0 OR, 4 XR)
 - Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,
TELEMETERING)
 - 340/870.16 .Condition responsive
- 4 342/22 (1 OR, 3 XR)
 - Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
 - 342/22 TRANSMISSION THROUGH MEDIA OTHER THAN AIR OR
FREE SPACE
- 4 342/368 (2 OR, 2 XR)
 - Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
 - 342/350 DIRECTIVE
 - 342/368 .Including a steerable array
- 4 343/795 (4 OR, 0 XR)
 - Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 - 343/700R ANTENNAS
 - 343/793 .Balanced doublet - centerfed (e.g., dipole)
 - 343/795 ..Sheet or wing type
- 4 367/6 (2 OR, 2 XR)
 - Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
SYSTEMS AND DEVICES
 - 367/2 TRANSPONDERS
 - 367/6 .With plurality of transponders
- 4 455/517 (0 OR, 4 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 - 455/500 .Plural transmitters or receivers (i.e., more
than two stations)
 - 455/507 ..Central station (e.g., master, etc.)
 - 455/517 ...To or from mobile station
- 3 73/146.5 (0 OR, 3 XR)
 - Class 073 : MEASURING AND TESTING
 - 73/146 TIRE, TREAD OR ROADWAY

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- 73/146.2 .Tire inflation testing installation
- 73/146.3 ..By direct fluid pressure reading
- 73/146.4 ...Telemetric (e.g., indicator on cowl)
- 73/146.5Electric

- 3 250/577 (3 OR, 0 XR)
 - Class 250 : RADIANT ENERGY
 - 250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
 - 250/216 .Optical or pre-photocell system
 - 250/573 ..Fluent material in optical path
 - 250/577 ...Volume or level

- 3 324/338 (3 OR, 0 XR)
 - Class 324 : ELECTRICITY: MEASURING AND TESTING
 - 324/323 OF GEOPHYSICAL SURFACE OR SUBSURFACE IN SITU
 - 324/332 .With radiant energy or nonconductive-type transmitter
 - 324/334 ..With separate pickup
 - 324/338 ...Within a borehole

- 3 333/154 (0 OR, 3 XR)
 - Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
 - 333/24R COUPLING NETWORKS
 - 333/150 .Delay lines including elastic surface wave propagation means
 - 333/154 ..Significant transmitting or receiving transducer structure

- 3 340/10.32 (2 OR, 1 XR)
 - Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/825 SELECTIVE
 - 340/10.1 .Interrogation response
 - 340/10.3 ..Interrogation signal detail
 - 340/10.32 ...Group call

- 3 340/10.5 (0 OR, 3 XR)
 - Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/825 SELECTIVE
 - 340/10.1 .Interrogation response
 - 340/10.5 ..Additional control

- 3 340/10.6 (0 OR, 3 XR)
 - Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/825 SELECTIVE
 - 340/10.1 .Interrogation response
 - 340/10.6 ..Printout or display

- 3 340/3.51 (0 OR, 3 XR)

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Class 340 : COMMUNICATIONS: ELECTRICAL

340/825 SELECTIVE

340/3.1 .Monitoring in addition to control (e.g.,
supervisory)

340/3.5 ..Including addressing

340/3.51 ...Polling or roll call

3 340/5.61 (2 OR, 1 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/825 SELECTIVE

340/5.1 .Intelligence comparison for controlling

340/5.2 ..Authorization control (e.g., entry into an
area)

340/5.6 ...Coded record input (e.g., IC card or key)

340/5.61Wireless transceiver

3 340/518 (0 OR, 3 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/500 CONDITION RESPONSIVE INDICATING SYSTEM

340/501 .With particular system function (e.g.,
temperature compensation, calibration)

340/517 ..Selection from a plurality of sensed
conditions

340/518 ...Scanning

3 340/903 (0 OR, 3 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/901 EXTERNAL CONDITION VEHICLE-MOUNTED INDICATOR O

R

ALARM

340/902 .Transmitter in another vehicle (e.g.,
emergency vehicle)

340/903 ..Relative distance between vehicles (e.g.,
collision alert)

3 342/13 (0 OR, 3 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/13 RADAR EW (ELECTRONIC WARFARE)

3 342/195 (0 OR, 3 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/175 WITH PARTICULAR CIRCUIT

342/195 .Digital processing

3 342/29 (1 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS

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AND DEVICES

342/29 AIRCRAFT COLLISION AVOIDANCE SYSTEM (CAS)

3 342/357.08 (0 OR, 3 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/352 .Including a satellite
 342/357.01 ..With position indicating
 342/357.06 ...Using Global Positioning Satellite (GPS or
 Glonass)
 342/357.08 Determining relative position (e.g.,
 distance or direction)

3 342/373 (3 OR, 0 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/368 .Including a steerable array
 342/373 ..With a matrix

3 342/457 (0 OR, 3 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/450 .Position indicating (e.g., triangulation)
 342/457 ..Land vehicle location (e.g., bus, police car)

3 342/47 (1 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/42 RADAR TRANSPONDER SYSTEM
 342/46 .Navigational
 342/47 ..Distance measuring equipment (DME)

3 342/57 (1 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/52 COMBINED WITH DIVERSE TYPE RADIANT ENERGY
 SYSTEM
 342/57 .With radio voice communication

3 343/700MS (1 OR, 2 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/700MS .Microstrip

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3 343/727 (2 OR, 1 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/725 .Plural separate diverse type
 343/727 ..Including balanced doublet-type antenna

3 343/771 (0 OR, 3 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/767 .Slot type
 343/770 ..Plural
 343/771 ...With wave guide coupling

3 343/866 (2 OR, 1 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/866 .Loop type

3 367/25 (1 OR, 2 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
 SYSTEMS AND DEVICES
 367/14 SEISMIC PROSPECTING
 367/25 .Well logging

3 367/35 (2 OR, 1 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
 SYSTEMS AND DEVICES
 367/14 SEISMIC PROSPECTING
 367/25 .Well logging
 367/35 ..Borehole or casing condition

3 700/225 (0 OR, 3 XR)
 Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
 SPECIFIC APPLICATIONS
 700/90 SPECIFIC APPLICATION, APPARATUS OR PROCESS
 700/213 .Article handling
 700/225 ..Having an identification code

3 701/300 (2 OR, 1 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/300 RELATIVE LOCATION

2 119/14.03 (0 OR, 2 XR)
 Class 119 : ANIMAL HUSBANDRY
 119/14.01 MILKERS
 119/14.03 .Milking station arrangements; e.g., parlors

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2 119/51.02 (1 OR, 1 XR)
 Class 119 : ANIMAL HUSBANDRY
 119/51.01 FEEDING DEVICE
 119/51.02 .Having electronic identification and feed control

2 235/451 (2 OR, 0 XR)
 Class 235 : REGISTERS
 235/435 CODED RECORD SENSORS
 235/439 .Particular sensor structure
 235/451 ..Capacitive

2 235/492 (0 OR, 2 XR)
 Class 235 : REGISTERS
 235/487 RECORDS
 235/492 .Conductive

2 307/10.5 (0 OR, 2 XR)
 Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION SYSTEMS
 307/9.1 VEHICLE MOUNTED SYSTEMS
 307/10.1 .Automobile
 307/10.2 ..Antitheft
 307/10.3 ...Ignition or starting circuit lock
 307/10.5Coded record input (e.g., IC card)

2 333/195 (1 OR, 1 XR)
 Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
 333/24R COUPLING NETWORKS
 333/186 .Electromechanical filter
 333/193 ..Using surface acoustic waves
 333/195 ...With wave-modifying means (e.g., reflectors

, resonators, diffractors, multistrip couplers, etc.)

2 333/196 (0 OR, 2 XR)
 Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
 333/24R COUPLING NETWORKS
 333/186 .Electromechanical filter
 333/193 ..Using surface acoustic waves
 333/196 ...With response weighting means

2 340/10.31 (2 OR, 0 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/825 SELECTIVE
 340/10.1 .Interrogation response
 340/10.3 ..Interrogation signal detail

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- 340/10.31 ...Individual call
- 2 340/10.52 (0 OR, 2 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/825 SELECTIVE
 340/10.1 .Interrogation response
 340/10.5 ..Additional control
 340/10.51 ...Programming (e.g., read/write)
 340/10.52 ID code
- 2 340/425.5 (0 OR, 2 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/425.5 LAND VEHICLE ALARMS OR INDICATORS
- 2 340/426.28 (0 OR, 2 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/425.5 LAND VEHICLE ALARMS OR INDICATORS
 340/426.1 .Of burglary or unauthorized use
 340/426.24 ..Including specified sensor
 340/426.28 ...Door or lock
- 2 340/445 (0 OR, 2 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/425.5 LAND VEHICLE ALARMS OR INDICATORS
 340/438 .Internal alarm or indicator responsive to a
 condition of the vehicle
 340/442 ..Tire deflation or inflation
 340/445 ...With particular telemetric coupling
- 2 340/5.64 (1 OR, 1 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/825 SELECTIVE
 340/5.1 .Intelligence comparison for controlling
 340/5.2 ..Authorization control (e.g., entry into an
 area)
 340/5.6 ...Coded record input (e.g., IC card or key)
 340/5.64 Wireless transmitter
- 2 340/539.13 (0 OR, 2 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
 340/531 .With particular coupling link
 340/539.1 ..Radio
 340/539.11 ...Including personal portable device
 340/539.13 Tracking location (e.g., GPS, etc.)
- 2 340/551 (0 OR, 2 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL


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340/500      CONDITION RESPONSIVE INDICATING SYSTEM
340/540      .Specific condition
340/541      ..Intrusion detection
340/551      ...Disturbance of magnetic field

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340/825.37 ..Additional to other selective control

2 340/825.56 (0 OR, 2 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/825 SELECTIVE

340/825.56 .With multidigit encoder

2 340/870.03 (1 OR, 1 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,
TELEMETERING)

340/870.02 .With meter reading

340/870.03 ..Having plural transmitters

2 340/870.31 (1 OR, 1 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,
TELEMETERING)

340/870.3 .With particular transmitter (e.g.,
piezoelectric, dynamo)

340/870.31 ..Inductive transmitter

2 340/904 (0 OR, 2 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/901 EXTERNAL CONDITION VEHICLE-MOUNTED INDICATOR O

R

ALARM

340/904 .Transmitter in one vehicle only

2 340/905 (1 OR, 1 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/901 EXTERNAL CONDITION VEHICLE-MOUNTED INDICATOR O

R

ALARM

340/905 .Highway information (e.g., weather, speed
limits, etc.)

2 340/961 (1 OR, 1 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/945 AIRCRAFT ALARM OR INDICATING SYSTEMS

340/961 .Potential collision with other aircraft

2 341/176 (0 OR, 2 XR)

Class 341 : CODED DATA GENERATION OR CONVERSION

341/173 CODE GENERATOR OR TRANSMITTER

341/176 .Transmitter for remote control signal

2 342/116 (0 OR, 2 XR)

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 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/104 DETERMINING VELOCITY
 342/116 .With plural received frequency band separatio

n

- 2 342/145 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/118 DETERMINING DISTANCE
 342/145 .With correlation

- 2 342/149 (1 OR, 1 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/147 DETERMINING DIRECTION
 342/149 .Monopulse

- 2 342/169 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/165 TESTING OR CALIBRATING OF RADAR SYSTEM
 342/169 .By simulation

- 2 342/198 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/175 WITH PARTICULAR CIRCUIT
 342/198 .For receiver protection

- 2 342/28 (2 OR, 0 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/27 PRESENCE DETECTION ONLY
 342/28 .By motion detection

- 2 342/357.1 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/352 .Including a satellite
 342/357.01 ..With position indicating
 342/357.06 ...Using Global Positioning Satellite (GPS or
 Glonass)
 342/357.1Combined with telecommunication

- 2 342/372 (0 OR, 2 XR)

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Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/350			DIRECTIVE
342/368			.Including a steerable array
342/371			..With electronic scanning
342/372			...Controlled

2	342/374		(1 OR, 1 XR)	
	Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350			DIRECTIVE
	342/368			.Including a steerable array
	342/374			..With a switch

2	342/399		(2 OR, 0 XR)	
	Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350			DIRECTIVE
	342/385			.Beacon or receiver
	342/386			..With transmisson of bearing or position determinative signals
	342/399			...Tacan

2	342/417		(1 OR, 1 XR)	
	Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350			DIRECTIVE
	342/385			.Beacon or receiver
	342/417			..Direction-finding receiver only

2	342/432		(0 OR, 2 XR)	
	Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350			DIRECTIVE
	342/385			.Beacon or receiver
	342/417			..Direction-finding receiver only
	342/432			...With plural fixed antenna pattern comparing

2	342/450		(2 OR, 0 XR)	
	Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350			DIRECTIVE
	342/450			.Position indicating (e.g., triangulation)

2	342/453		(1 OR, 1 XR)	
	Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES

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	342/350	DIRECTIVE
	342/450	.Position indicating (e.g., triangulation)
	342/453	..By deflected or repeated signal
2	342/456	(0 OR, 2 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350	DIRECTIVE
	342/450	.Position indicating (e.g., triangulation)
	342/454	..Traffic
	342/456	...Having traffic control
2	342/458	(0 OR, 2 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350	DIRECTIVE
	342/450	.Position indicating (e.g., triangulation)
	342/458	..Distance
2	342/465	(0 OR, 2 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350	DIRECTIVE
	342/450	.Position indicating (e.g., triangulation)
	342/463	..Having plural transmitters or receivers
	342/465	...Plural receivers only
2	342/58	(0 OR, 2 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/52	COMBINED WITH DIVERSE TYPE RADIANT ENERGY SYSTEM
	342/58	.With transmission to a remote station
2	342/59	(0 OR, 2 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/59	PLURAL RADAR
2	342/6	(0 OR, 2 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/5	RADAR REFLECTOR
	342/6	.With modulation
2	342/89	(0 OR, 2 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES

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342/73	RETURN SIGNAL CONTROLS RADAR SYSTEM
342/89	.Receiver
2 342/97	(1 OR, 1 XR)
Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/73	RETURN SIGNAL CONTROLS RADAR SYSTEM
342/89	.Receiver
342/94	..Gating
342/95	...Automatic range tracking
342/97With automatic lock-on
2 343/719	(0 OR, 2 XR)
Class 343	: COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R	ANTENNAS
343/719	.Buried underground or submerged under water
2 343/725	(1 OR, 1 XR)
Class 343	: COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R	ANTENNAS
343/725	.Plural separate diverse type
2 343/741	(0 OR, 2 XR)
Class 343	: COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R	ANTENNAS
343/741	.High frequency type loops
2 343/786	(2 OR, 0 XR)
Class 343	: COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R	ANTENNAS
343/772	.Wave guide type (e.g., horn)
343/786	..With horn
2 343/788	(1 OR, 1 XR)
Class 343	: COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R	ANTENNAS
343/787	.Including magnetic material
343/788	..Loop type
2 343/833	(1 OR, 1 XR)
Class 343	: COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R	ANTENNAS
343/833	.Antenna with parasitic director
2 343/853	(0 OR, 2 XR)
Class 343	: COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R	ANTENNAS
343/850	.With coupling network or impedance in the

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 leadin

343/853 ..With plural antennas

2 343/860 (0 OR, 2 XR)

 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS

 343/700R ANTENNAS

 343/850 ..With coupling network or impedance in the
 leadin

 343/860 ..Impedance matching network

2 343/865 (0 OR, 2 XR)

 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS

 343/700R ANTENNAS

 343/850 ..With coupling network or impedance in the
 leadin

 343/865 ..Balanced coupling network to balanced antenn

a

2 343/873 (0 OR, 2 XR)

 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS

 343/700R ANTENNAS

 343/872 ..With housing or protective covering

 343/873 ..Antenna embedded, potted, or coated

2 343/876 (0 OR, 2 XR)

 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS

 343/700R ANTENNAS

 343/876 ..Switching between antennas and lines

2 346/14MR (0 OR, 2 XR)

 Class 346 : RECORDERS

 346/14R COMBINED WITH NON-RECORDING REGISTER

 346/14MR ..Meter reading

2 361/172 (0 OR, 2 XR)

 Class 361 : ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES

 361/139 CONTROL CIRCUITS FOR ELECTROMAGNETIC DEVICES

 361/160 ..For relays or solenoids

 361/170 ..Condition responsive (e.g., external circuit
 condition)

 361/171 ...Code responsive

 361/172 Including electronic element

2 367/86 (0 OR, 2 XR)

 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
 SYSTEMS AND DEVICES

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BOREHOLE TESTING

367/86

2 375/267 (0 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT

375/260 .Plural channels for transmission of a single
 pulse train

375/267 ..Diversity

2 375/347 (1 OR, 1 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/316 RECEIVERS
 375/346 .Interference or noise reduction
 375/347 ..Diversity (frequency or time)

2 380/258 (0 OR, 2 XR)
 Class 380 : CRYPTOGRAPHY
 380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY
 380/258 .Position dependent or authenticating

2 398/106 (0 OR, 2 XR)
 Class 398 : OPTICAL COMMUNICATIONS
 398/106 REMOTE CONTROL

2 398/170 (0 OR, 2 XR)
 Class 398 : OPTICAL COMMUNICATIONS
 398/140 TRANSMITTER AND RECEIVER SYSTEM
 398/170 .Retroreflection

2 455/103 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/91 TRANSMITTER
 455/103 .Plural separate transmitters or channels

2 455/106 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/91 TRANSMITTER
 455/106 .Modulation by absorption, shielding, or
 reflecting

2 455/137 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
 CONVERTER
 455/132 .Plural receivers
 455/137 ..With output combining

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2 455/61 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 455/61 .Single message via plural modulation of single
 carrier

2 455/78 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
 TRANSCEIVER)
 455/78 .With transmitter-receiver switching or
 interaction prevention

2 700/9 (1 OR, 1 XR)
 Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
 SPECIFIC APPLICATIONS
 700/1 GENERIC CONTROL SYSTEM, APPARATUS OR PROCESS
 700/9 .Supervisory control

2 701/207 (1 OR, 1 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/200 NAVIGATION
 701/207 .Employing position determining equipment

2 701/213 (0 OR, 2 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/200 NAVIGATION
 701/207 .Employing position determining equipment
 701/213 ..Using Global Positioning System (GPS)

2 701/215 (0 OR, 2 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/200 NAVIGATION
 701/207 .Employing position determining equipment
 701/213 ..Using Global Positioning System (GPS)
 701/214 ...Means to improve accuracy of position or
 location
 701/215Having multiple GPS antennas or receivers
 (e.g., differential GPS)

2 701/217 (0 OR, 2 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND

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RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/217 ..Using dead-reckoning apparatus
2 968/DIG 1 (0 OR, 2 XR)
Class 968 : HOROLOGY
968/DIG 1 PAPER COPIES IN NUMERICAL ORDER OF ALL U.S.
PATENTS IN SUBCLASSES 2-977

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according 14
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active 4
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activity 1
actual 1
acute 1
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after 2
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azimuth 10
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beacon 1
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become 1
been 4
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being 1
below 1
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best 1
better 3
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bi 1
block 2
bpt 1
brief 1
broad 1
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calculates 1
calculating 4
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cannot 1
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capability 1
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charged 1
charges 1
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checked 1
checking 2
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cirt 1
circuitry 1
civilian 2
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cles 3
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closed 1
cm 3
cnrries 1
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coded 17
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coming 3
common 1
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comprising 1
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contains 1
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correlation 1
corresponding 4
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cos 1
cosp 1
coss 1
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ct 1
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deals 1
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degree 1
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delays 2
density 1
depending 1
depends 1
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design 1
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desired 1
detailed 1
detected 1
detection 3
detector 1
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determining 1
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different 2
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grotmd 2
ground 15
hard 1
has 5
have 9
having 5
helmet 8
help 1
hereinafter 1
high 3
higher 1
himself 1
how 4
however 7
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ich 1
identification 5
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least 13
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less 2
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lf 3
lies 1
light 3
limitations 1
limited 3
line 14
lines 1
linked 1
list 1
little 1
lligh 1
llightly 1
llis 1
ln 7
lnscc 1
lnsec 2
locate 2
located 4
locating 6
location 26
locations 8
long 1

longer 2
looks 1
losses 1
low 4
lrst 4
lrzsec 1
lt 3
lts 1
made 5
main 1
man 1
manner 3
many 4
masking 3
matching 2
max 1
maximum 2
may 12
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measure 2
measured 1
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medillm 1
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might 1
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mind 1
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mlmber 1
mobile 1
mode 13
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mono 1
monocycle 1
more 13
most 4
mostly 1
move 1
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mternatively 1

much 2
must 1
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navigation 1
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needed 3
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nmplified 1
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noise 4
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sources 1
space 1
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specifc 1
specific 3
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spectral 1
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spectrum 9
speed 3
spread 6
sring 1
srst 1
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standard 1
starts 1
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step 1
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stored 4
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tlreshold 1
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under 3
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unequivocal 1

unique 3
unit 2
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until 3
up 3
updates 1
upon 6
ur 1
us 7
use 7
used 13
useful 1
uses 1
using 2
utmost 1
uwb 34
vector 10
vehicle 21
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vehicular 3
vel 3
vellicle 1
verj 1
versa 1
very 14
vez 1
via 4
vice 1
view 2
visibility 3
visual 1
vulnerable 5
wave 8
waves 2
way 1
ways 1
weather 2
well 2
were 1
when 14
whenever 3
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which 34
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who 2
wide 7
will 5

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wltich 1
xs 1
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zero 1
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